

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): Apparatus for applying negative pressure therapy to a wound site, which comprises an open celled foam pad for application to the wound site, a suction tube connecting the foam pad to a collection canister, said canister having a shut-off valve which closes an outlet from the canister in response to the collection canister being full ~~when it is full~~, a tube connecting the canister to a wall suction point, and a pressure detector connected to the suction tube between the foam pad and the canister for indicating when the pressure in the suction tube crosses a predetermined level.

Claim 2 (currently amended): Apparatus as claimed in claim 1, further comprising a flow limiting valve disposed between the canister and the wall suction point, the flow limiting valve allowing adjustment of the flow to a selected rate such that flow in the tube does not exceed the selected rate.

Claim 3 (previously presented): Apparatus as claimed in claim 1 which includes a pressure relief valve which is connected to the suction tube between the foam pad and the canister.

Claim 4 (previously presented): Apparatus as claimed in claim 1, further comprising a first transducer for measuring pressure in the tube linking the canister to the wall suction point, and wherein the pressure detector connected to the suction tube between the foam pad and the canister comprises a second transducer.

Claim 5 (previously presented): Apparatus as claimed in claim 1 which includes a flow rate meter for measuring the rate at which fluid is drawn from the wound site.

Claim 6 (previously presented): Apparatus as claimed in claim 5 in which the flow rate meter measures the rate at which the canister is filled.

Claim 7 (previously presented): Apparatus as claimed in claim 6 in which the flow rate meter is an electrical capacitance measuring device.

Claim 8 (currently amended): Apparatus for applying negative pressure therapy to a wound site, which comprises an open-celled foam pad for application to the wound site, a suction tube connecting the foam pad to a collection canister, a tube connecting an outlet of the canister to a wall suction point, a sensor operable to detect when the canister is full, and a shut-off valve fluidly connected to the outlet of the canister to close the outlet in response to the collection canister being full. ~~when the canister is full.~~

Claim 9 (currently amended): Apparatus according to claim 8 which includes means for giving a warning that the canister is full and/or shutting off ~~[[the]]~~ a connection between the canister and the wall suction point.

Claim 10 (previously presented): Apparatus according to claim 8 which further includes means for monitoring pressure at the wound site.

Claim 11 (previously presented): Apparatus according to claim 8 which further includes means for regulating pressure between the canister and the wall suction point.

Claim 12 (previously presented): Apparatus as claimed in claim 1 in which the pressure detector comprises a transducer connected by a branch tube to the suction tube leading from the foam pad to the canister.

Claim 13 (previously presented): Apparatus as claimed in claim 3, further comprising a processor operationally coupled to the relief valve and programmed to provide intermittent negative pressure therapy to the wound site.

Claim 14 (currently amended): Apparatus for applying negative pressure therapy to a wound site, the apparatus comprising:

an open-celled foam pad for application to the wound site;

a suction tube connecting the foam pad to a collection canister;

a pressure regulator fluidly connected between the canister and a wall suction point;  
and

a processor in electronic communication with the pressure regulator to regulate the pressure from said wall suction point to the collection canister.

Claim 15 (previously presented): The apparatus of claim 14, wherein the pressure regulator includes a relief valve, and wherein the processor is configured to actuate the relief valve to relieve pressure at the wound site when pressure at the wound site reaches a set maximum pressure.